

# EARTH'S ROTATION AND REVOLUTION



# Earth's Rotation

- Rotation is the spinning of the Earth on its axis.
- The time for one rotation is 24 hours.
- The speed of rotation 24,855 miles/24 hr or 1,038 miles/hr

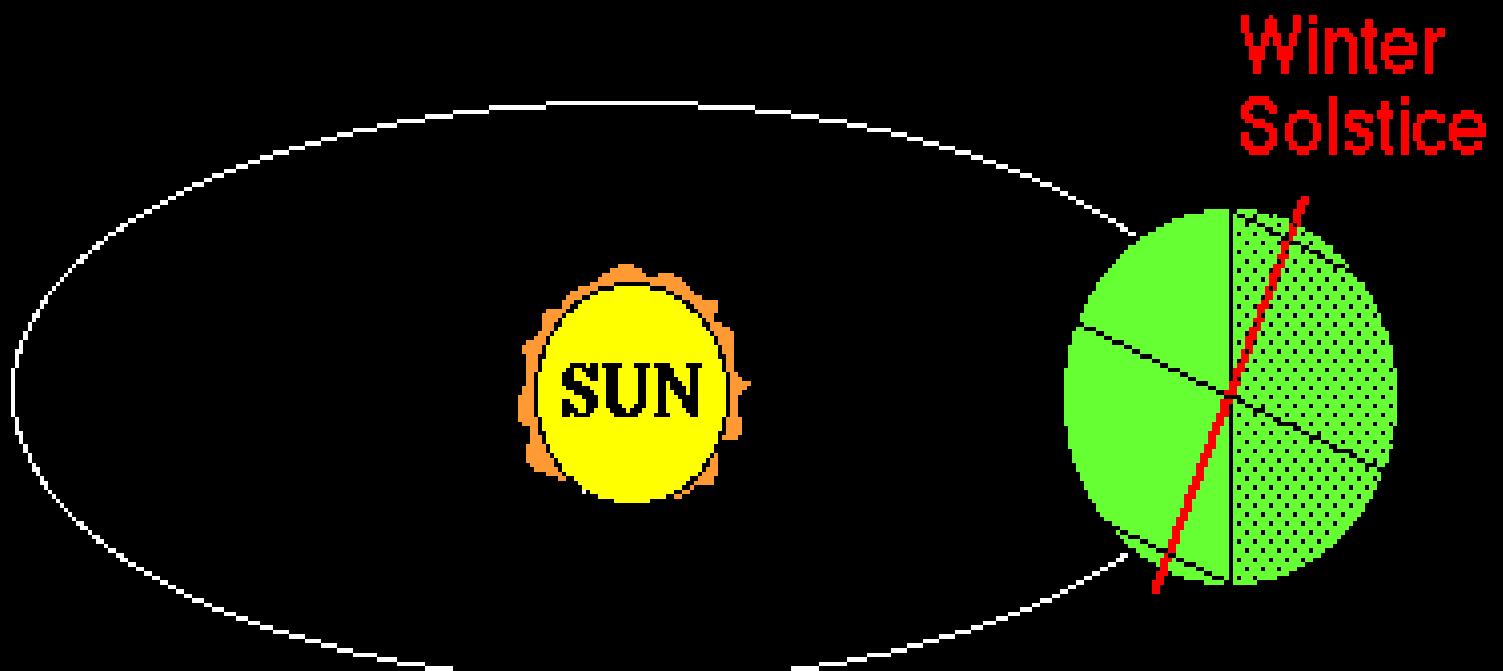


Click image to view Earth's rotation.

# Earth's Revolution

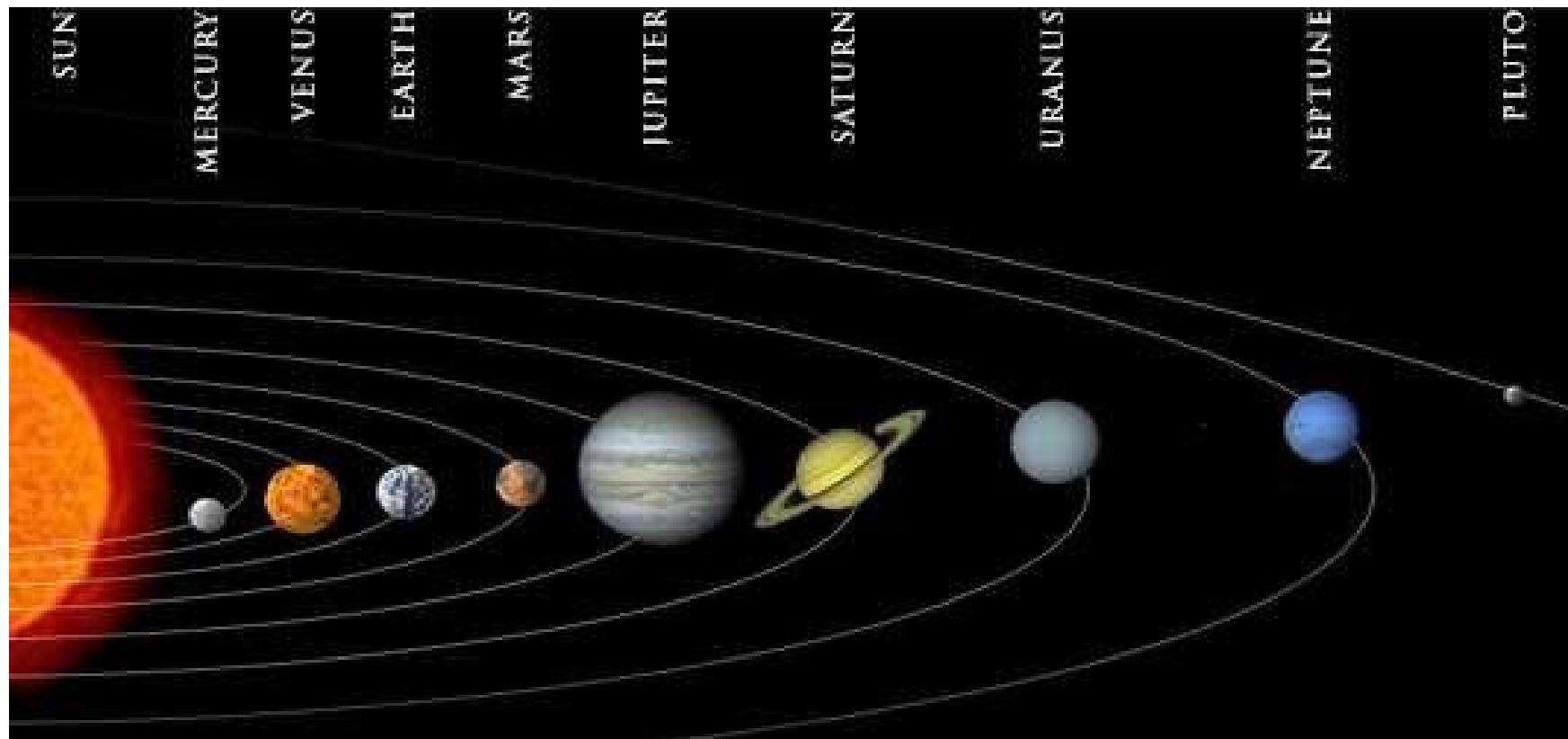
- A revolution occurs as the earth moves around the sun.
- Time for one revolution =  $365 \frac{1}{4}$  days = 8,766 hours
- The speed of earth's revolution is about 18 miles per second.

# Earth's Revolution



# Earth's Orbit

- The path an object takes as it revolves around another object.

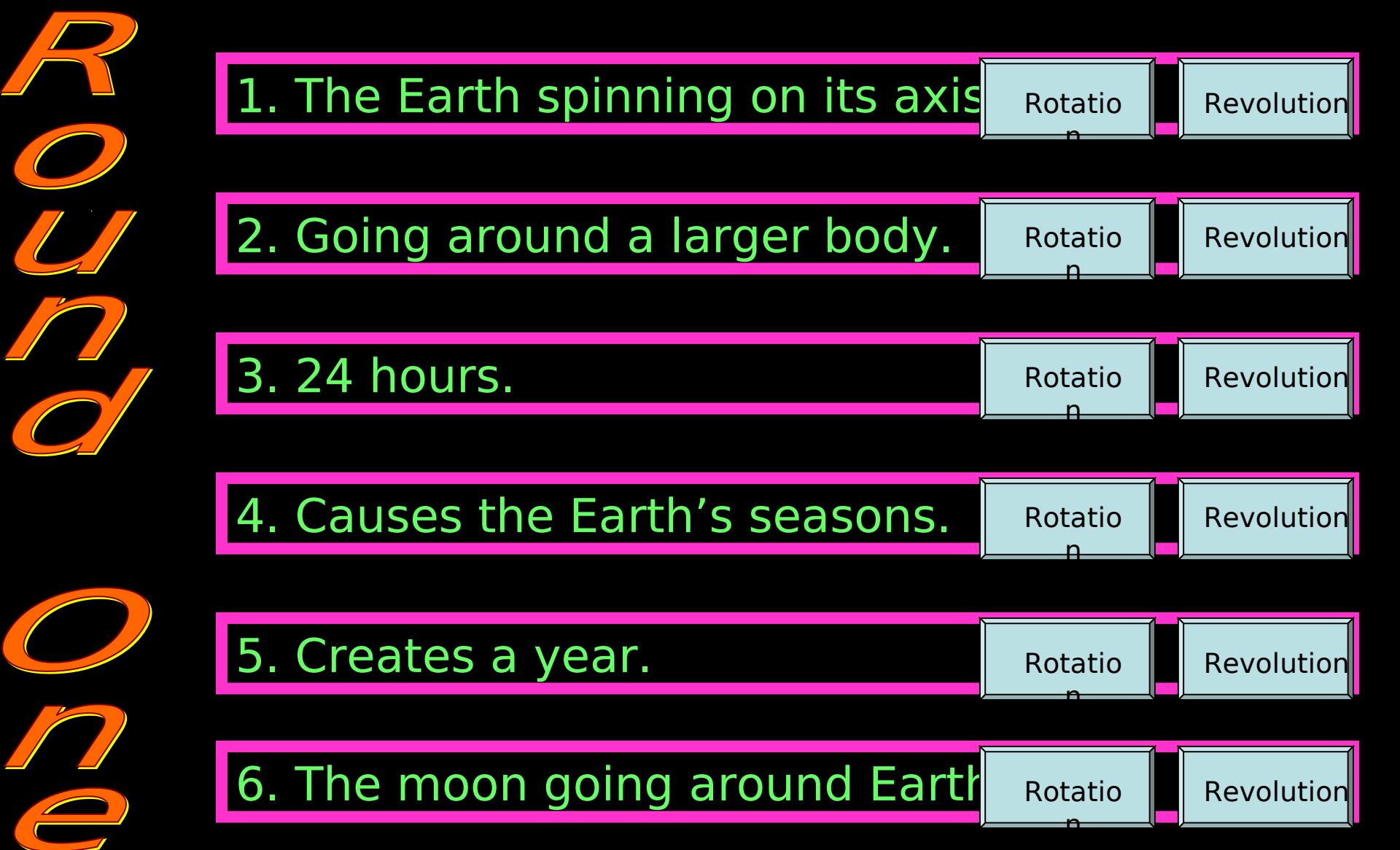


# Around and Around We Go

- Every second, that you sit in this classroom, the Earth's orbital motion carries you about 18 miles through space.



# SPACE EARTH MOVEMENTS



# Round Two

Identify the motion being shown in each of these pictures. Each team must write their answers for each figure in the form of a question.

